

Serial No. Not Yet Assigned

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Amendments To The Claims:

Please amend the claims as shown.

1 – 8 (canceled)

9. (new) A gas turbine having a compressor, comprising:
a compressor housing coaxially surrounding the compressor and defining
a cavity configured to thermally influence the housing, and
a tap line in flow communication with the cavity for extracting a portion of a compressed
fluid flow of the compressor; and
a locking device arranged in line with the tap line and downstream of the cavity that locks
off the extracted compressed flow through the tap line.

10. (new) The gas turbine as claimed in claim 9, wherein the locking device is a
valve.

11. (new) The gas turbine as claimed in claim 9, wherein the tap line has an entrance
and an exit and further comprising a second locking device arranged between the tap line
entrance and the cavity that locks off the extracted compressed flow into the cavity.

12. (new) The gas turbine as claimed in claim 11, wherein the second locking device
is a valve.

13. (new) A method for operating a gas turbine having a compressor housing,
comprising:
initiating operation of the gas turbine engine;
operating the gas turbine;
initiating shutdown of the gas turbine engine; and
closing a valve connected to a compressor bleed air line while the engine is being shut
down to influence the cooling rate of the compressor housing.

14. (new) An axial flow compressor configured for operation with a gas turbine engine, comprising:

- a compressor rotor arranged along an axis of the compressor;
- a plurality of compressor blades arranged on the rotor in axial stages;
- a compressor housing coaxially surrounding the rotor and defining
- a cavity configured to thermally influence the housing, and
- a tap line in flow communication with the cavity for extracting a portion of a compressed fluid flow of the compressor; and
- a plurality of stationary compressor blades secured to the housing arranged in axial stages;
- a locking element arranged in-line with the tap line to block off the flow of removed air.

15. (new) The compressor as claimed in claim 14, wherein the locking device is a valve.

16. (new) The compressor as claimed in claim 14, wherein the tap line has an entrance and an exit and further comprising a second locking device arranged between the tap line entrance and the cavity that locks off the extracted compressed flow into the cavity.

17. (new) The gas turbine as claimed in claim 16, wherein the second locking device is a valve.